

Figure 1

Amino Acid Sequence Alignment of ORF HI0638

Haemophilus Influenzae HI0638
 Pasteurella multocida
 Escherichia coli
 Vibrio cholerae
 Buchnera aphidicola
 Pseudomonas aeruginosa
 Xylella fastidiosa

Figure 2

Homology Search of the N-terminus (amino acids 3-26)

Haemophilus influenzae	N Y H D I V L A L A G V C Q S A K L V H Q L A
Pasteurella multocida	N Y Y D I T L A L A G V C Q A A K L V Q Q F A
Escherichia coli	N Y Y D I T L A L A G I C Q S A R L V Q Q L A
Vibrio cholerae	A I Y D R T I A F A G I C Q A V A L V Q Q V A
Buchnera aphidicola	K I H L I T L S L A G I C Q S A H L V Q Q L A
Pseudomonas aeruginosa	D P R Q Q L I A L G A V F E S A A L V D K L A
Xylella fastidiosa	L I D N R V L A L A G V V Q A L Q Q V R Q I A
Rhizobium loti (prot1)	N L P P I V L A V I G I C A A V F L L Q Q Y V
Human NK-2 RECEPTOR	N Y F I V N L A L A D L C M A A F N A A F N F
Chlamydia pneumoniae	T A F D F N K M L D G V C T Y V K G V Q Q Y L
Rhizobium loti (prot2)	R A I L I P L A L A G L C Q V A R A G D I S S
NprB Bac. Subtilis	N L T K T S L L L A G L C T A A Q M V F V T H